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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

LIN, WEN TAI

ART UNIT	PAPER NUMBER
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2154

MAIL DATE	DELIVERY MODE
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05/09/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/731,277

Applicant(s)

WANG ET AL.

Examiner

Wen-Tai Lin

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-20 are presented for examination.
2. The text of those sections of Title 35, USC code not included in this action can be found in the prior Office Action.
3. Claim 1 is objected to because the term “by who” appears to be a typo of “by whom”.

Claim Rejections - 35 USC § 102

4. Claims 1-3, 5-7, 11-14 and 16-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Kapp et al.[U.S. Pat. No. 5195133].
5. As to claim 1, Kapp teaches the invention as claimed including: a method for tracking predetermined activities [e.g., signing a receipt or purchase order] for a terminal display [e.g., Abstract], the method comprising:

providing a series of displays on the terminal display, at least some of the displays requiring interactions from a user and being referred to as interactive displays [e.g., col.1, line 67 – col. 2 line 12];

capturing an entire image of one of the interactive display only after the one of the interactive displays has been altered with at least one interaction from the user in accordance with a predetermined requirement, wherein the entire image is in pixel format and include is associated with source information to record where, when and by whom the one of the interactive displays has been interacted, future modifications to the source information associated with the captured image is tracked [e.g., col.1 lines 55-66; Fig. 6 and 6A];

continuing to successively display a next one of the interactive displays till a last one of the interactive displays, wherein each of the interactive displays is captured in a sequence of being displayed, and each of the captured displays includes at least one interaction from the user in accordance with a predetermined requirement [e.g., Fig. 7]; and sending at least some of the captured images to another computing device [col.1 lines 61-66], where the another computing device is configured to generate an evidence that the captured image has not been modified [e.g., claim 16; i.e., when the validating signature is matched to the authentic signature, it is an indication that the saved signature image has not been modified].

6. As to claims 2-3, Kapp further teaches generating one or more attributes to be associated with the captured image, wherein the one or more attributes includes an alphanumeric character string [e.g., claim 16, wherein under a file system each created data file inherently has attributes associated with the file such as file name, date and time of creation].

7. As to claims 5-6, Kapp further teaches that the alphanumeric character string pertains to a time at which any of the interactive displays was altered [note that the data file under a file system always record the time of creation and the time at which data is altered].

8. As to claim 7, Kapp further teaches that the terminal display is a touch screen and the interaction includes one or more of (i) an entry by the user or (ii) a click by the user [e.g., signing a signature].

9. As to claims 11-14 and 16-19, since the features of these claims can also be found in claims 1, they are rejected for the same reasons set forth in the rejection of claims 1 above.

10. Claim 9 is rejected under 35 U.S.C. 102(e) as being anticipated by Smithies et al.[U.S. Pat. No. 6091835].

11. As to claim 9, A method for tracking predetermined activities for a terminal display, the method comprising:

uploading a file to a display device upon receiving a playback request, wherein the file includes a representation of a series of captured screen displays of a terminal display associated with a user, wherein each of the screen displays reflects at least a change entered by the user in comparing with an original version thereof; and displaying the series of screen displays on the display device in a specified order to show how the user has altered each of the screen displays [col.40 line 38 – col. 41 line 20].

Claim Rejections - 35 USC § 103

12. Claims 4, 8 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kapp et al.(hereafter "Kapp") [U.S. Pat. No. 5195133], as applied to claims 1-3, 5-7, 11-14 and 16-19 above, further in view of Official Notice .

13. As to claim 4, Kapp teaches that the captured signature is encrypted. Kapp does not specifically teach that the alphanumeric character string is encrypted to cause any changes to any part of the captured image to be extremely difficult.

However, Official Notice is taken that encrypting messages in a unsecure communication environment is well known in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to encrypt Kapp's captured images, including the appended time and date, prior to sending the captured information to the monitoring site because it enables the transferred information to be guarded against any security breach.

14. As to claim 8, Kapp does not specifically teach sending at least some of the captured displays to the server by compressing the captured image into a file according to a compression scheme.

However, Official Notice is taken that compressing image/data for reducing traffic over the network is well known in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to compress Kapp's captured images because it speeds up the image transfer between the client and the monitoring site.

15. As to claim 15, since the features of this claim can also be found in claims 1-4 and 11-14, it is rejected for the same reasons set forth in the rejection of claims 1-4 and 11-14 above.

16. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Smithies et al.(hereafter "Smithies")[U.S. Pat. No. 6091835], as applied to claim 9 above, and further in view of Official Notice, as applied to claims 4, 8 and 15 above.

17. As to claims 10 and 20, Smithies does not specifically teach that the series of screen displays is analyzed by an OCR.

However, Official Notice is taken that using OCR to analyze image data is well known in the art.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use OCR technique for converting the collected document image into text because it enables the image content to be readable to a computer for further analysis.

18. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kapp et al.(hereafter "Kapp")[U.S. Pat. No. 5195133], as applied to claims 1-8 and 11-19 above and

Smithies et al.(hereafter "Smithies") [U.S. Pat. No. 6091835], as applied to claims 9-10 above, and further in view of Official Notice, as applied to claims 4, 8, 10 and 15 above.

19. Applicant's arguments filed on 3/13/2007 for claims 1-20 have been fully considered but are moot in view of the new ground(s) of rejection.

20. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

21. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday(8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571)272-1915. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:


(571)273-8300 for official communications; and

(571)273-3969 for status inquires draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

May 3, 2007


5/3/07